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Search Report  
ID Search ID - 704012

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UH 290

AP9 Rec'd PCT/PTO 31 JAN 2006  
23 Jul 2003

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Received: 18 Jun 2003

Title: A PROBABILITY-BASED METHOD FOR VALIDATING XML  
DOCUMENTS

Search criteria:

The invention relates to a method for validating complex XML documents. When an XML document is created it is compared with an XML Schema. This will find possible errors in the document, which are presented to the user. When an incorrect XML tag is found, the method looks ahead in the document. By doing this the method will be able to determine all possible error locations with probabilities. The search aimed at validating XML documents in general, with a special attention paid to error probabilities.

Very Relevant Documents (* indicates a Philips patent/application)	relevant to criteria
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Relevant documents (* indicates a Philips patent/application)	relevant to criteria
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US20030120651 "Methods and systems for model matching" (see section 0051-0059)

Technical Background (* indicates a Philips patent/application)	relevant to criteria
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WO03034228 "System and method for implementing a schema object in application integration" (see page 29-30)

WO02075512 "Interactive multimedia report viewer" (see section 0027)

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051348

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G06F9/45 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G06F H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HAROLD, E.R;MEANS, W.S: "XML in a nutshell" June 2002 (2002-06), O'REILLY, SEBASTOPOL, CA, USA, XP002313994 ISBN: 0-596-00292-0 page 4, line 34 - line 35 page 5, line 8 page 8, line 2 - line 8 page 378, line 15 - line 28 page 393, line 23 - line 37	1-21
A	EP 0 877 518 A (NOKIA MOBILE PHONES LTD) 11 November 1998 (1998-11-11) column 5, line 28 - line 32 column 6, line 43 - line 46	1-21

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

19 January 2005

Date of mailing of the international search report

04/02/2005

Name and mailing address of the ISA

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Authorized officer

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051348

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0877518	A	11-11-1998	FI 971925 A	07-11-1998
			EP 0877518 A2	11-11-1998
			JP 10341276 A	22-12-1998
			US 6314166 B1	06-11-2001
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